

Release Notes

hp StorageWorks

A6826A PCI-X Host Bus Adapter for Linux 64-bit Systems

First Edition (November 2003)

Part Number: AA-RV13A-TE

This document contains supplemental information for the HP StorageWorks A6826A PCI-X host bus adapter for Linux 64-bit Itanium operating systems.

For the latest version of these Release Notes and other host bus adapter documentation, access the HP storage website at <http://h18006.www1.hp.com/storage/saninfrastructure.html>.



© Copyright 2003 Hewlett-Packard Development Company, L.P.

Hewlett-Packard Company makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Hewlett-Packard. The information contained in this document is subject to change without notice.

Hewlett-Packard Company shall not be liable for technical or editorial errors or omissions contained herein. The information is provided "as is" without warranty of any kind and is subject to change without notice. The warranties for Hewlett-Packard Company products are set forth in the express limited warranty statements for such products. Nothing herein should be construed as constituting an additional warranty.

Linux is a U.S. registered trademark of Linus Torvalds

Printed in the U.S.A.

A6826A PCI-X Host Bus Adapter for Linux 64-bit Systems Release Notes
First Edition (November 2003)
Part Number: AA-RV13A-TE

Release Notes Contents

These release notes contain information for the A6826A host bus adapter (HBA) for Linux 64-bit Itanium systems.

This HBA is a 2 Gb high-performance PCI-X option HBA that connects to devices attached through a switch-based optical Fibre Channel fabric. This HBA supports only short wave multi-mode connections. It is backward compatible to PCI.

These release notes include known issues or restrictions for using the HBA within a system configuration. These release notes cover the following major topics:

- [Supported Systems and Requirements](#), page 4
- [Supported Driver and EFI Software Versions](#), page 5
- [Restrictions](#), page 5

Other Documentation

The A6826A PCI-X host bus adapter documentation includes:

- *HP StorageWorks A6826A PCI-X Host Bus Adapter for Linux Installation Guide*, part number AA-RV12A-TE
- *HP StorageWorks A6826A PCI-X Host Bus Adapter for Linux Release Notes*, part number AA-RV13A-TE (this document)

Additional documentation, including, application notes, white papers, and best practices documents, are available at

<http://www.hp.com/country/us/eng/prodserv/storage.html>.

Supported Systems and Requirements

This HBA is supported on HP server platforms that:

- Meet the voltage and minimum PCI slot requirements listed in [Table 1](#).
- Support Red Hat Enterprise Linux 2.1 (Red Hat AS) for 64-bit Itanium systems, kernels 2.4.18-e.31 and 2.4.18-e.37.
- Support for SUSE Linux Enterprise Server 8 (SUSE SLES 8) for 64-bit Itanium systems, kernels 2.4.19-114 and 2.4.19-153.

For the latest information, refer to the storage website at
<http://h18006.www1.hp.com/storage/saninfrastructure.html>.

See the [Restrictions](#) section on page 5 for known device restrictions.

[Table 1](#) describes the voltage and minimum PCI slot requirements for the HBAs.

Note: Refer to your HP server PCI slot specifications to determine whether your server and the HBA are compatible.

Table 1: Voltage and Minimum PCI Slot Requirements

| HBA Model Number | HBA Voltage Requirement | HBA PCI Signaling Voltage | PCI Slot Type |
|------------------|-------------------------|---------------------------|-------------------------|
| A6826A | 3.3 VDC | 3.3 volt, 5 volt tolerant | Universal PCI connector |

Supported Driver and EFI Software Versions

The driver and EFI software revisions that are qualified with the HBA at this time are as follows:

- qla2300 driver—6.06.50
- efiutil—1.05

The latest firmware and drivers are available at the following HP website:

<http://h18000.www1.hp.com/storage/saninfrastructure.html>.

Configuration Information

Refer to the *HP StorageWorks SAN Design Reference Guide* for configuration information. This document is available on the HP website at

<http://h18006.www1.hp.com/products/storageworks/san/documentation.html>

Restrictions

Booting from a Storage Area Network (SAN) is not supported for this release.